

Converting Colors

XYZ(43.7170, 46.0460, 51.3589)

Have a look what the booklet for
XYZ(43.7170, 46.0460, 51.3589)
contains.

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Color

**XYZ(43.6615, 46.0504,
51.3871)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B5B7
RGB	179, 181, 183
RGB Percent	70%, 71%, 72%
CMY	0.2980, 0.2902, 0.2823
CMYK	0.02, 0.01, 0.00, 0.28
HSL	210°, 3%, 71%
HSV	210°, 2%, 72%
XYZ	43.6615, 46.0504, 51.3871
YIQ	180.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

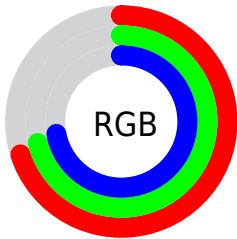
Format	Color
R _Y B	179, 180, 183
Decimal	11777463
CIE Lab	73.58, -0.32, -1.27
CIE LCh	74, 1.308, 255.935
Yxy	46.0504, 0.3094, 0.3264
Android (android.graphics.Color)	4289967543 (0xFFB3B5B7)
YUV	180.6300, 1.1684, -1.4295
Hunter-Lab	67.8604, -3.9086, 2.6052

Details

The XYZ color **43.6615, 46.0504, 51.3871** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.1889, 46.3690, 49.2695**, and the grayscale version is **43.7170, 45.9937, 50.0871**.

A 20% lighter version of the original color is **80.1251, 84.4625, 93.7412**, and **20.3526, 21.4857, 24.1935** is the 20% darker color. If you saturate the color by 10%, you get **37.9129, 40.4206, 50.6041**, and if you desaturate by 10%, it is **50.0958, 52.2171, 52.2390**.

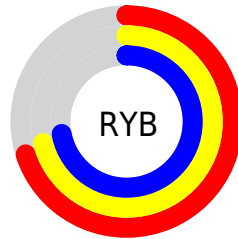
Distribution



Red (70%)

Green (71%)

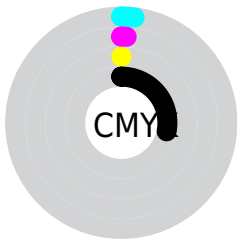
Blue (72%)



Red (70%)

Yellow (71%)

Blue (72%)

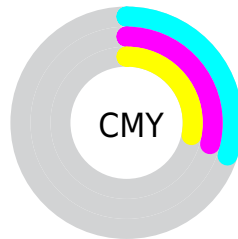


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (30%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6615, 46.0504, 51.3871 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 43.6615, 46.0504, 51.3871 by changing the saturation by 10% instead.

■ 43.6615, 46.0504,
51.3871

■ 43.6615, 46.0504,
51.3871

352.2007,
371.0112, 408.9553

■ 30.6012, 32.2856,
36.1379

■ 79.9576, 84.2944,
93.6441

■ 20.4457, 21.5797,
24.2502

103.9243,
109.5424, 121.4889

■ 12.8296, 13.5484,
15.3054

132.2570,
139.3870, 154.3694

■ 7.3875, 7.8073,
8.8850

165.3213,
174.2124, 192.7041

■ 3.7541, 3.9719,
4.5705

203.4825,
214.4032, 236.9115

■ 1.5640, 1.6578,
1.9432

247.1059,

■ 0.3688, 0.3961,

260.3436, 287.4101

0.5200

296.5568,
312.4182, 344.6185

■ 0.0000, 0.0000,
0.0000

■ 43.6615, 46.0504,
51.3871

■ 43.6615, 46.0504,
51.3871

■ 37.9129, 40.4206,
50.6041

■ 50.0958, 52.2171,
52.2390

■ 32.8219, 35.3059,
49.8852

■ 57.2350, 58.9300,
53.1584

■ 28.3640, 30.6913,
49.2295

■ 65.1021, 66.2056,
54.1481

■ 24.5117, 26.5591,
48.6349

■ 73.7182, 74.0578,
55.2096

■ 21.2352, 22.8902,
48.0994

■ 77.1681, 79.4405,
56.0667

■ 18.5020, 19.6639,
47.6207

■ 79.7285, 84.5612,
56.9202

■ 16.2763, 16.8575,
47.1964

■ 82.4233, 89.9509,
57.8185

■ 14.5169, 14.4459,
46.8236

■ 85.2546, 95.6134,
58.7622

■ 13.1756, 12.3995,
46.4993

■ 85.5474, 96.1989,
58.8598

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.4609, 46.0504, 51.0621



43.6615, 46.0504, 51.3871



43.8918, 46.0504, 51.3762

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.6615, 46.0504, 51.3871



44.1987, 46.0504, 49.7921



43.4506, 46.0504, 49.2602

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.6615, 46.0504, 51.3871



44.1889, 46.3690, 49.2695

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.6475, 46.0504, 48.9259



43.6615, 46.0504, 51.3871



44.0796, 46.0504, 49.2311

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.6615, 46.0504, 51.3871



44.2025, 46.0504, 50.4513



43.8777, 46.0504, 48.9153



43.3394, 46.0504, 49.8321

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.6615, 46.0504, 51.3871



44.0311, 46.0504, 51.1797



43.8777, 46.0504, 48.9153



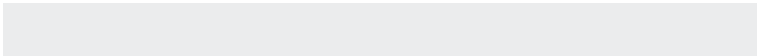
43.5090, 46.0504, 49.1165

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.6628, 46.0524, 51.3881



79.4816, 83.7192, 92.2060



43.8581, 46.7848, 50.3996



17.5679, 18.5034, 20.3672



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.6628, 46.0524, 51.3881



77.2612, 81.5695, 91.9081



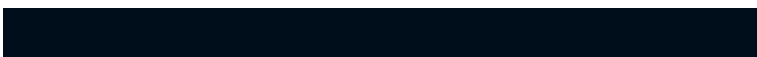
43.2717, 45.2701, 51.2577



9.6131, 10.1570, 11.5333



8.6805, 7.8208, 32.3051



0.3679, 0.3995, 1.1595

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.9900, 45.6444, 50.2102



78.0756, 80.5612, 88.9749



44.5855, 47.1621, 49.4017



9.7380, 10.0031, 11.0831



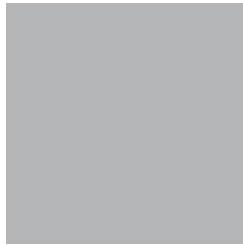
14.9952, 7.5718, 7.8616



0.5599, 0.2794, 0.4416

Previews

White Background



This preview shows how the XYZ color 43.6615, 46.0504, 51.3871 looks on a white background.

Color Contrast Check

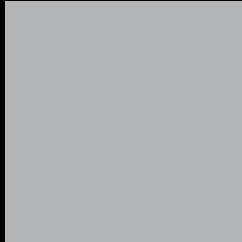
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.6615, 46.0504, 51.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

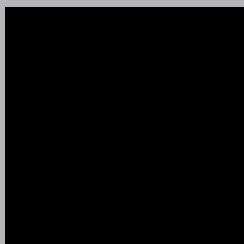
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

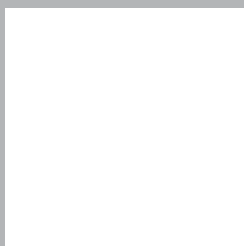
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6615, 46.0504, 51.3871

Background



This preview shows how black text looks on a background with the XYZ color 43.6615, 46.0504, 51.3871.

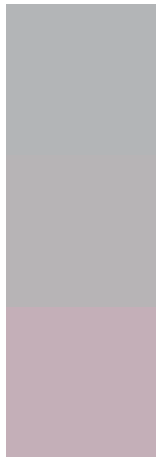


This preview shows how white text looks on a background with the XYZ color 43.6615, 46.0504,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.6615, 46.0504, 51.3871

Protanopia

44.2932, 46.0872, 50.8172

Deuteranopia

46.7467, 45.8564, 51.7348



Tritanopia

44.9138, 45.9590, 57.5427

Trichromacy



Original Color

43.6615, 46.0504, 51.3871

Protanomaly

44.0562, 45.9650, 50.8061

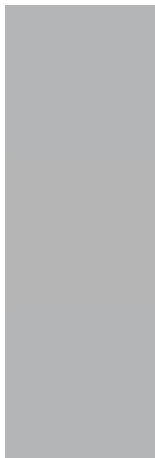
Deuteranomaly

45.6091, 45.8521, 51.7939

Tritanomaly

44.4379, 46.0635, 55.2642

Monochromacy



Original Color

43.6615, 46.0504, 51.3871

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.7898, 46.1284, 50.8517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6615, 46.0504, 51.3871 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(179, 181, 183)` looks like.

```
.text, #text, p{  
    color:rgb(179, 181, 183)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(179, 181, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 181, 183) }
```

Border

The CSS property to change the border of an element to XYZ 43.6615, 46.0504, 51.3871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 181, 183) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(179, 181, 183) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(179, 181, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 181, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 181, 183);  
box-shadow:4px 4px 4px 4px rgb(179, 181,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6615, 46.0504, 51.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 181, 183) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(179,  
181, 183) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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